Demand and supply of power

†2486. SHRI P.K. MAHESHWARI: Will the Minister of POWER be pleased to state:

(a) the State-wise details of total demand and supply of the power in the country including the State of Madhya Pradesh during the Ninth Five Year Plan;

(b) whether Government have assessed the need of the power in the country during the Tenth Five Year Plan;

(c) if so, the State-wise details thereof; and

(d) the extent of power production capacity likely to be increased State-wise due to installation of new power plants and up gradation of present power plants separately during the Tenth Five Year Plan?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) State-wise/Year-wise power supply position during 9th Five Year Plan is given in Annexure [*See* Appendix 199, Annexure No. 11].

(b) Yes, Sir.

(c) State-wise anticipated power supply position at the end of the 10th Plan as per demand projected in 16th Electric Power Survey Report is given in Statement-I (*See* below).

(d) A generation capacity addition of 41,10 MW has been planned during 10th Five Year Plan. State-wise/sector-wise capacity addition during 10th Plan is given in Statement-II (*See* below). A total of 72 existing hydro plants in the country having a total of installed capacity of 8088.05 MW to accrue a benefit of 2886.82 MW at an estimated cost of Rs. 2801.547 crores have been identified for renovation, modernization and uprating during 10th Plan. Further, 106 old thermal units installed at 32 power stations having installed capacity of 10413 MW have been identified for Life Extension during 10th Plan. The details of power plants (Hydro & Thermal) identified for renovation, modernization, uprating and Life Extension during 10th Plan are given in Annexure. [*see* Appendix 199, Annexure No. 12].

†Original notice of the question was received in Hindi.

Statement-I

Anticipated Power Supply Position in 2006-07 Tenth Plan (Considering SOG, CEA Cleared & New Projects)

REGION/STATE/U.T.	PEAK DEMAND MW	PEAK AVAIL-ABILITY (MW)	SURPLUS/ DEFICIT (MW)	SURPLUS/ DEFICIT (%)	ENERGY REQUIRE-MENT (MU)	ENERGY AVAIL-ABILITY (MU)	SURPLUS/ DEFICIT (MU)	SURPLUS/ DEFICIT (%)
HARYANA	4899	2918	-1981	-40.0	25750	17846	-7904	-30.7
HIMACHAL PRADESH	973	1767	794	81.5	5113	9072	3959	77.4
JAMMU & KASHMIR	1923	1890	-34	-1.7	9099	10331	1232	13.5
PUNJAB	7719	5031	-2688	-34.8	41922	31038	-10884	-26.0
RAJASTHAN	6772	4047	-2725	-40.2	40341	25700	-13642	-33.8
UTTAR PRADESH	10645	6730	-3915	-35.8	65917	44475	-22443	-33.5
UTTARANCHAL	738	2420	1681	227.5	3886	10383	6497	167.2
CHANDIGARH	403	108	-295	-73.1	2120	689	-1431	-67.5
DELHI	4310	3240	-1070	-24.8	25672	21841	-3831	-14.9
TOTAL (NR)	35540	29667	-5873	-16.0	220820	141468	-39352	-17.8
GUJARAT	10605	7444	-3161	-29.8	61683	53451	-8232	-13.3
MADHYA PRADESH	7052	6447	-606	-8.6	42354	32704	-9650	-22.8
CHHATTISGARH	1543	1764	221	14.3	9598	10951	1353	14.1
MAHARASHTRA	16718	13267	-3449	-20.6	106892	85477	-21415	-20.0
GOA	355	347	-8	-2.2	2207	2725	518	23.5
DAMAN & DIU	146	17	-129	-88.5	909	93	-817	-89.8
DADRA & NH	216	26	-191	-88.2	1284	144	-1140	-88.8
TOTAL (WR)	35223	30210	-5013	-14.2	224927	191947	-32980	-14.7
ANDHRA PRADESH	11219	9390	-1829	-16.3	68797	58221	-10576	-15.4
KARNATAKA	7740	5665	-2075	-26.8	44748	34355	-10393	-23.2
KERALA	4304	2789	-1515	-35.2	22998	15482	-7516	-32.7
TAMIL NADU	8847	6485	-2382	-26.9	54872	43026	-11846	-21.6
PONDICHERRY	458	255	-203	-44.4	2687	1936	-751	-27.9
TOTAL (SR)	31017	2534	-5669	-18.3	194102	153687	-35435	-18.3
BIHAR	1398	969	-431	-30.8	7353	6270	-1083	-14.7
JHARKHAND	933	1386	453	48.5	4903	8617	3714	75.7
ORISSA	2977	2789	-188	-6.3	17997	14040	-3957	-22.0
WEST BENGAL	5169	5043	-126	-2.4	27846	28534	788	2.8
SIKKIM	62	134	72	116.8	239	802	563	235.5
DVC	2049	3395	1346	65.7	11129	20788	9659	86.8
TOTAL (ER)	11990	14221	2231	18.8	69467	83273	13806	19.9
ARUNACHAL PRADESH	97	121	24	24.8	303	709	406	133.9
ASSAM	991	833	-158	-15.9	5294	5072	-222	-4.2
MANIPUR	252	119	-133	-52.8	1039	741	-298	-28.7
MEGHALAYA	198	344	146	73.7	955	1294	339	35.5
MIZORAM	136	148	12	9.0	525	681	156	29.7
NAGALAND	98	83	-15	15.2	388	484	96	24.7
TRIPURA	253	189	-64	-25.3	997	1016	19	1.9
TOTAL (NER)	1875	2035	160	8.5	9501	11057	1556	16.4
A&N	49	40	-9	-18.8	236	183	-52	-22.6
LAKSHADWEEP	11	6	-5	-44.5	44	28	-16	-37.3
ALL INDIA	115705	101527	-14178	12.3	719097	626633	-92476	-12.9

NOTES:

1. DEMAND AS PER 16th EPS.
2. UNALLOCATED POWER OF CENTRAL PROJECTS RECKONED IN THE REGIONAL TOTAL ONLY.
3. THE EXPECTED ADDITION DURING 10th PLAN IS 41110 MW FROM SANCTIONED ONGOING (SOG) CEA CLEARED & NEW PROJECTS.

Statement-II

Capacity Addition Target for 10th Plan period in State/Private Sector

	State Sector		Private Sector		Total
	Thermal	Hydro	Thermal	Hydro	
Northern Region					
Punjab	500	168	500	0	1168
Haryana	500	0	0	0	500
Himachal Pradesh	0	192	0	370	562
J&K	0	450	0	0	450
Delhi	225.78	0	0	0	225.78
Rajasthan	660.32	0	0	0	660.32
Uttar Pradesh	710	0	0	0	710
Uttaranchal	0	304	0	400	704
Western Region					
Chhattisgarh	420	0	0	0	420
Madhya Pradesh	500	95	578	400	1573
Maharashtra	250	250	1444	0	1944
Gujarat	431.62	1450*	500	0	2381.62
Southern Region					
Tamil Nadu	194	240	250	0	684
Andhra Pradesh	420	528.2	2107	0	3055.2
Kerala	0	100	0	0	100
Karnataka	710	290	297	0	1297
Pondicherry	100	0	0	0	100
Eastern Region					
Orissa	0	150	0	0	150
Bihar	0	0	135	0	135
Jharkhand	210	0	120	0	330
West Bengal	670	0	0	0	670
A&N	5	0	20	0	25
N.E. Region					
Assam	38	100	0	0	138
Mizoram	22.92	80	0	0	102.92
Meghalaya	48	84	0	0	132
Manipur	18	0	0	0	18
Tripura	42	0	0	0	42
All India	**6675.64**	**4481.2**	**5951**	**1170**	**18277.84**

*Multi State Sardar Sarovar HE Project in which Gujarat will have share of 232 MW.

Capacity Addition Target for 10th Plan period in Central Sector

(All figures in MW)

Region	Thermal	Hydro	Nuclear	Total
Northern	1700	5390	0	7090
Western	2730	1557	1080	5367
Southern	3920	0	220	4140
Eastern	3940	1710	0	5650
North-Eastern	500	85	0	585
TOTAL	12790	8742	1300	22832

Private and Public Sector Power Projects in M.P.

†2487. SHRI P.K. MAHESHWARI: Will the Minister of POWER be pleased to state:

(a) the number of power projects sanctioned for private and public sector in the State of Madhya Pradesh during the Ninth Five Year Plan;

(b) the number of such projects which are pending and the number of projects being implemented; and

(c) the names of the above projects and estimated cost thereof?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) and (b) During 9th Plan under the State Sector, two power projects totalling 465 MW were commissioned in Madhya Pradesh. In addition, during the same period 11 power projects comprising of 8 in Private Sector and 3 in Public Sector have been cleared/sanctioned by Central Electricity Authority/State Government in the State of Madhya Pradesh. Work on all the 8 private Sector projects is yet to commence. All the three power projects in public sector are under construction.

†Original notice of the question was received in Hindi.